

MK BEST CALIBRATION SERVICES

NABL ACCREDITED CALIBRATION LABORATORY AS PER ISO/IEC17025 : 2017

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CC-3340

CERTIFICATE OF CALIBRATION

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ULR No	CC334023000008209F	Date of Calibration	31.10.2023	Date of Receipt	31.10.2023		
Certificate No	MKBL/23/10/0941-004	Due Date of Calibration	30.10.2024	Date of Issue	02.11.2023		
CUSTOMER INFORMATION				DETAILS OF UNIT UNDER CALIBRATION			
M/S. VJA LABORATORY., THERUKOELUR MAIN ROAD, NEAR VADAKURUMBUR ROAD, ERAIYUR, VILLUPURAM - 605 602.				Description		THERMO HYGROMETER	
				Make / Model		HTC-1 / ACETE Q	
				Range / Resolution		-10 to 50 ° C / 10 to 99% RH / 0.1° C / 1% RH	
				Serial No		HTC-1	
				ID No		VJA/EQP/GEN/05	
				Machine Name / No		---	
				Location		---	
		Calibrated at		LAB			
STANDARD INSTRUMENTS DETAILS (The Standards Used are Traceable to National /International Standards)							
S.No	Description	Id.No/SI. No	Certificate No	Validity			
01	Temperature & Humidity Indicator with sensor	MK/CAL-43 / HT1042K152714	CRMTL/01/423101578-A1	29.06.2024			
ENVIRONMENTAL CONDITIONS				REFERENCE STANDARD			
Temperature	23.9 °C	Procedure No	MKBCS - TH - 09				
Humidity	56 % RH	Condition of UUC Receipt	Good				
1.THERMAL CALIBRATION TEMPERATURE							
CALIBRATION RESULTS							
Parameter / Range	Standard Reading (°C)	UUC Reading (°C)	Deviation (° C)	Expanded Uncertainty (±) (° C)			
Temperature @ 50% RH	19.95	20.1	0.15	1.3			
	29.90	30.1	0.20				
	39.85	40.2	0.35				
	49.73	50.2	0.47				
Parameter / Range	Standard Reading (%RH)	UUC Reading (%RH)	Deviation (%RH)	Expanded Uncertainty (±) %RH			
Humidity @ 25°C	29.9	30	0.1	1.8			
	49.7	50	0.3				
	69.6	70	0.4				
	89.6	90	0.4				
Remarks :							
1. The Expanded Uncertainty Associated with the Results is Calculated at a Confidence Level of Approximately 95% with a Coverage factor of K=2.							
2. The Calibration Certificate Shall not be Reproduced Except In Full,Without Written Approval Of The Laboratory.							
3. The Recalibration Interval is determined based on the User Requirement.							
4. The Results Stated In This Certificate Relate Only to the Item Calibrated.							
5. The User Should Determine The Suitability Of The Instrument For Its Intended Use.							
Calibrated by		1-1-1-1 MK BEST CALIBRATION SERVICES CHENNAI		Authorised by			
 S.Chandrabose (Calibration Engineer)				 L.Magesh (MD/QM)			